

Biotin-PEG5-azide

Chemical Properties

CAS No. : 1163732-89-5

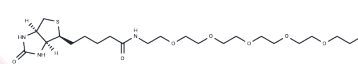
Formula: C₂₂H₄₀N₆O₇S

Molecular Weight: 532.65

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Biotin-PEG5-azide is a PEG-based linker for PROTACs, joining two crucial ligands to facilitate selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one ligand binds to an E3 ubiquitin ligase, while the other targets a specific protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8774 mL	9.387 mL	18.7741 mL
5 mM	0.3755 mL	1.8774 mL	3.7548 mL
10 mM	0.1877 mL	0.9387 mL	1.8774 mL
50 mM	0.0375 mL	0.1877 mL	0.3755 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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